IN THE SPECIFICATION

Please correct the paragraph at page 7, lines 20-29 as follows:

When the handheld device 10 is not coupled to the host device, the processing module 20 executes an algorithm 30 to detect the disconnection and to place the handheld device in a second ~~operational~~ functional mode. In the second ~~operational~~ functional mode, the processing module 20 retrieves, and subsequently executes, a second set of operational instructions from memory 16 to support the second ~~operational~~ functional mode. For example, the second ~~operational~~ functional mode may correspond to MP3 file playback, digital dictaphone recording, MPEG file playback, JPEG file playback, text messaging display, cellular telephone functionality, and/or AM/FM radio reception. Each of these functions is known in the art, thus no further discussion of the particular implementation of these functions will be provided except to further illustrate the concepts of the present invention.

Please correct the paragraph at page 8, lines 1-11 as follows:

In the second ~~operational~~ functional mode, under the control of the processing module 20 executing the second set of operational instructions, the multimedia module 24 retrieves multimedia data 34 from memory 16. The multimedia data 34 includes at least one of digitized audio data, digital video data, and text data. Upon retrieval of the multimedia data, the multimedia module 24 converts the data 34 into rendered output data 36. For example, the multimedia module 24 may convert digitized data into analog signals that are subsequently rendered audible via a speaker or via a headphone jack. In addition, or in the alternative, the multimedia module 24 may render digital video data and/or digital text data into RGB (red-green-blue), YUV, etc., data for display on an LCD (liquid crystal display) monitor, projection CRT, and/or on a plasma type display. The multimedia module 24 will be described in greater detail with reference to Figure 2.

Please correct the paragraph at page 9, lines 6-20 as follows:

Handheld device 40 functions in a similar manner as handheld device 10 when exchanging data with the host device (i.e., when the handheld device is in the first ~~operational~~ functional mode). In addition, while in the first ~~operational~~ functional mode, the handheld device 40 may store digital information received via one of the multimedia input devices (e.g., video capture device 44, microphone 46, and keypad 54). For example, a voice recording received via

the microphone 46 may be provided as multimedia input data 58, digitized via the multimedia module 24 and digitally stored in memory 16. Similarly, video recordings may be captured via the video capture device 44 (e.g., a digital camera, a camcorder, VCR output, DVD output, etc.) and processed by the multimedia module 24 for storage as digital video data in memory 16. Further, the key pad 54 (which may be a keyboard, touch screen interface, or other mechanism for inputting text information) provides text data to the multimedia module 24 for storage as digital text data in memory 16. In this extension of the first ~~operational~~ functional mode, the processing module 20 arbitrates write access to the memory 16 among the various input sources (e.g., the host and the multimedia module).

Please correct the paragraph at page 9, lines 22-31, page 8, lines 1-2 as follows:

When the handheld device 40 is in the second ~~operational~~ functional mode (i.e., not connected to the host), the handheld device may record multimedia data to and/or playback multimedia data from the memory 16. Note that the data provided by the host when the handheld device 40 was in the first ~~operational~~ functional mode includes the multimedia data. The playback of the multimedia data is similar to the playback described with reference to the handheld device 10 of Figure 1. In this embodiment, depending on the type of multimedia data 34, the rendered output data 36 may be provided to one or more of the multimedia output devices. For example, rendered audio data may be provided to the headphone jack 52 and/or to the speaker 50, while rendered video and/or text data may be provided to the display 48. The handheld device 40 may also record multimedia data 34 while in the second ~~operational~~ functional mode. For example, the handheld device 40 may store digital information received via one of the multimedia input devices 44, 46, and 54.

Please correct the paragraph at page 14, lines 20-29 as follows:

Figure 5 is a schematic block diagram of another embodiment of the GPIO interface module 80 that includes programmable logic fabric 124 and the plurality of GPIO cells 110 – 118, which will be described in greater detail with reference to Figure 6. Each of the GPIO cells 110 – 118 is coupled to its corresponding IC pin and to receive digital output signals from the programmable logic ~~fabricate~~ fabric and to provide them to its corresponding pin and to provide digital input signals from its corresponding pin to the programmable logic fabric 124. The programmable logic fabric 124, which may be a field programmable gate array (FPGA),

programmable logic device, and/or any other programmable logic circuitry, is coupled to the first and second functional modules 120 and 122.